

## DECLARATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and only inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### **OBJECT SEARCH AND RETRIEVAL SERVICE FOR AN AD HOC DATA COMMUNICATION SYSTEM**

the specification of which

- ☒ is attached hereto.  
was filed on \_\_\_\_\_ as  
☐ Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_. (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

\_\_\_\_\_  
(Number)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Day/Month/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of

0940650 072001

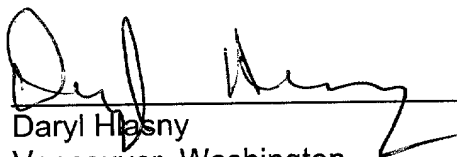
Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Ser. No.) (Filing Date) (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: July 18, 2001

Residence  
Citizenship  
Post Office Address

  
Daryl Hlasny  
Vancouver, Washington  
Canada  
11301 NE 7<sup>th</sup> Street  
Vancouver, WA 98684

09910550 072001

Table 1. Demographic characteristics of the study population	
Age (years)	Mean (SD)
18-24	20.5 (2.5)
25-34	29.5 (4.5)
35-44	39.5 (5.5)
45-54	49.5 (6.5)
55-64	59.5 (7.5)
65-74	69.5 (8.5)
75-84	79.5 (9.5)
85-94	89.5 (10.5)
95-104	99.5 (11.5)
105-114	109.5 (12.5)
115-124	119.5 (13.5)
125-134	129.5 (14.5)
135-144	139.5 (15.5)
145-154	149.5 (16.5)
155-164	159.5 (17.5)
165-174	169.5 (18.5)
175-184	179.5 (19.5)
185-194	189.5 (20.5)
195-204	199.5 (21.5)
205-214	209.5 (22.5)
215-224	219.5 (23.5)
225-234	229.5 (24.5)
235-244	239.5 (25.5)
245-254	249.5 (26.5)
255-264	259.5 (27.5)
265-274	269.5 (28.5)
275-284	279.5 (29.5)
285-294	289.5 (30.5)
295-304	299.5 (31.5)
305-314	309.5 (32.5)
315-324	319.5 (33.5)
325-334	329.5 (34.5)
335-344	339.5 (35.5)
345-354	349.5 (36.5)
355-364	359.5 (37.5)
365-374	369.5 (38.5)
375-384	379.5 (39.5)
385-394	389.5 (40.5)
395-404	399.5 (41.5)
405-414	409.5 (42.5)
415-424	419.5 (43.5)
425-434	429.5 (44.5)
435-444	439.5 (45.5)
445-454	449.5 (46.5)
455-464	459.5 (47.5)
465-474	469.5 (48.5)
475-484	479.5 (49.5)
485-494	489.5 (50.5)
495-504	499.5 (51.5)
505-514	509.5 (52.5)
515-524	519.5 (53.5)
525-534	529.5 (54.5)
535-544	539.5 (55.5)
545-554	549.5 (56.5)
555-564	559.5 (57.5)
565-574	569.5 (58.5)
575-584	579.5 (59.5)
585-594	589.5 (60.5)
595-604	599.5 (61.5)
605-614	609.5 (62.5)
615-624	619.5 (63.5)
625-634	629.5 (64.5)
635-644	639.5 (65.5)
645-654	649.5 (66.5)
655-664	659.5 (67.5)
665-674	669.5 (68.5)
675-684	679.5 (69.5)
685-694	689.5 (70.5)
695-704	699.5 (71.5)
705-714	709.5 (72.5)
715-724	719.5 (73.5)
725-734	729.5 (74.5)
735-744	739.5 (75.5)
745-754	749.5 (76.5)
755-764	759.5 (77.5)
765-774	769.5 (78.5)
775-784	779.5 (79.5)
785-794	789.5 (80.5)
795-804	799.5 (81.5)
805-814	809.5 (82.5)
815-824	819.5 (83.5)
825-834	829.5 (84.5)
835-844	839.5 (85.5)
845-854	849.5 (86.5)
855-864	859.5 (87.5)
865-874	869.5 (88.5)
875-884	879.5 (89.5)
885-894	889.5 (90.5)
895-904	899.5 (91.5)
905-914	909.5 (92.5)
915-924	919.5 (93.5)
925-934	929.5 (94.5)
935-944	939.5 (95.5)
945-954	949.5 (96.5)
955-964	959.5 (97.5)
965-974	969.5 (98.5)
975-984	979.5 (99.5)
985-994	989.5 (100.5)
995-1004	999.5 (101.5)
1005-1014	1009.5 (102.5)
1015-1024	1019.5 (103.5)
1025-1034	1029.5 (104.5)
1035-1044	1039.5 (105.5)
1045-1054	1049.5 (106.5)
1055-1064	1059.5 (107.5)
1065-1074	1069.5 (108.5)
1075-1084	1079.5 (109.5)
1085-1094	1089.5 (110.5)
1095-1104	1099.5 (111.5)
1105-1114	1109.5 (112.5)
1115-1124	1119.5 (113.5)
1125-1134	

**Group Art Unit:**

**Examiner:**

## POWER OF ATTORNEY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Jon K. Clemens  
President and Chief Executive Officer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE UNDER 37 CFR §3.73(b)

Applicant : Hlasny, Daryl  
Application No. : Filed: Concurrently herewith  
Title : OBJECT SEARCH AND RETRIEVAL SERVICE FOR AN AD HOC DATA  
COMMUNICATION SYSTEM  
(Assignee) : Sharp Laboratories of America, Inc., a Washington  
corporation  
(Type of Assignee, e.g., corporation, partnership,  
university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in  
the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application  
identified above.

OR

B. ☐ A chain of title from the inventor(s), of the patent application  
identified above, to the current assignee as shown below:

1. From: To:  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy is attached.

2. From: To:  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy is attached.

☐ Additional documents in the chain of title are listed on a  
supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are  
attached. (Where one or more of the documents is unrecorded.)

The undersigned has reviewed all the documents in the chain of title of  
the patent application identified above and, to the best of undersigned's  
knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign  
this Certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are  
true, and that all statements made on information and belief are believed to be  
true; and further, that these statements are made with the knowledge that  
willful false statements, and the like so made, are punishable by fine or  
imprisonment, or both, under Section 1001, Title 18 of the United States Code,  
and that such willful false statements may jeopardize the validity of the  
application or any patent issuing thereon.

Date : July 20, 2001  
Name : Timothy A. Long  
Title : Attorney for the Assignee (copy of Power of Attorney is attached)  
Signature: Timothy A. Long

Chernoff, Vilhauer, McClung & Stenzel, LLP  
1600 ODS Tower  
601 S.W. Second Avenue  
Portland, Oregon 97204-3157  
Tel.: (503) 227-5631

0934055072001

COPY

Group Art Unit:

Examiner:

Title : OBJECT SEARCH AND RETRIEVAL SERVICE FOR AN AD HOC DATA COMMUNICATION SYSTEM

A. 1990-1991		B. 1992-1993		C. 1994-1995		D. 1996-1997		E. 1998-1999		F. 2000-2001		G. 2002-2003		H. 2004-2005		I. 2006-2007		J. 2008-2009		K. 2010-2011		L. 2012-2013		M. 2014-2015		N. 2016-2017		O. 2018-2019		P. 2020-2021		Q. 2022-2023		R. 2024-2025		S. 2026-2027		T. 2028-2029		U. 2030-2031		V. 2032-2033		W. 2034-2035		X. 2036-2037		Y. 2038-2039		Z. 2040-2041		AA. 2042-2043		AB. 2044-2045		AC. 2046-2047		AD. 2048-2049		AE. 2050-2051		AF. 2052-2053		AG. 2054-2055		AH. 2056-2057		AI. 2058-2059		AJ. 2060-2061		AK. 2062-2063		AL. 2064-2065		AM. 2066-2067		AN. 2068-2069		AO. 2070-2071		AP. 2072-2073		AQ. 2074-2075		AR. 2076-2077		AS. 2078-2079		AT. 2080-2081		AU. 2082-2083		AV. 2084-2085		AW. 2086-2087		AX. 2088-2089		AY. 2090-2091		AZ. 2092-2093		BA. 2094-2095		BB. 2096-2097		BC. 2098-2099		BD. 2100-2101		BE. 2102-2103		BF. 2104-2105		BG. 2106-2107		BH. 2108-2109		BI. 2110-2111		BJ. 2112-2113		BK. 2114-2115		BL. 2116-2117		BM. 2118-2119		BN. 2120-2121		BO. 2122-2123		BP. 2124-2125		BQ. 2126-2127		BR. 2128-2129		BS. 2130-2131		BT. 2132-2133		BU. 2134-2135		BV. 2136-2137		BW. 2138-2139		BX. 2140-2141		BY. 2142-2143		BZ. 2144-2145		CA. 2146-2147		CB. 2148-2149		CC. 2150-2151		CD. 2152-2153		CE. 2154-2155		CF. 2156-2157		CG. 2158-2159		CH. 2160-2161		CI. 2162-2163		CJ. 2164-2165		CK. 2166-2167		CL. 2168-2169		CM. 2170-2171		CN. 2172-2173		CO. 2174-2175		CP. 2176-2177		CQ. 2178-2179		CR. 2180-2181		CS. 2182-2183		CT. 2184-2185		CU. 2186-2187		CV. 2188-2189		CW. 2190-2191		CX. 2192-2193		CY. 2194-2195		CZ. 2196-2197		DA. 2198-2199		DB. 2200-2201		DC. 2202-2203		DD. 2204-2205		DE. 2206-2207		DF. 2208-2209		DG. 2210-2211		DH. 2212-2213		DI. 2214-2215		DJ. 2216-2217		DK. 2218-2219		DL. 2220-2221		DM. 2222-2223		DN. 2224-2225		DO. 2226-2227		DP. 2228-2229		DQ. 2230-2231		DR. 2232-2233		DS. 2234-2235		DT. 2236-2237		DU. 2238-2239		DV. 2240-2241		DW. 2242-2243		DX. 2244-2245		DY. 2246-2247		DZ. 2248-2249		EA. 2250-2251		EB. 2252-2253		EC. 2254-2255		ED. 2256-2257		EE. 2258-2259		EF. 2260-2261		EG. 2262-2263		EH. 2264-2265		EI. 2266-2267		EJ. 2268-2269		EK. 2270-2271		EL. 2272-2273		EM. 2274-2275		EN. 2276-2277		EO. 2278-2279		EP. 2280-2281		EQ. 2282-2283		ER. 2284-2285		ES. 2286-2287		ET. 2288-2289		EU. 2290-2291		EV. 2292-2293		EW. 2294-2295		EX. 2296-2297		EY. 2298-2299		EZ. 2300-2301		FA. 2302-2303		FB. 2304-2305		FC. 2306-2307		FD. 2308-2309		FE. 2310-2311		FF. 2312-2313		FG. 2314-2315		FH. 2316-2317		FI. 2318-2319		FJ. 2320-2321		FK. 2322-2323		FL. 2324-2325		FM. 2326-2327		FN. 2328-2329		FO. 2330-2331		FP. 2332-2333		FQ. 2334-2335		FR. 2336-2337		FS. 2338-2339		FT. 2340-2341		FU. 2342-2343		FV. 2344-2345		FW. 2346-2347		FX. 2348-2349		FY. 2350-2351		FZ. 2352-2353		GA. 2354-2355		GB. 2356-2357		GC. 2358-2359		GD. 2360-2361		GE. 2362-2363		GF. 2364-2365		GG. 2366-2367		GH. 2368-2369		GI. 2370-2371		GJ. 2372-2373		GK. 2374-2375		GL. 2376-237	
--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	--------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	---------------	--	--------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: 6/11/01

Jon K. Clemens  
President and Chief Executive Officer